

CALIFORNIA LABORATORY SERVICES

3249 Fitzgerald Road Rancho Cordova, CA 95742

May 09, 2006

CLS Work Order #: CPE0024
COC #: 70632

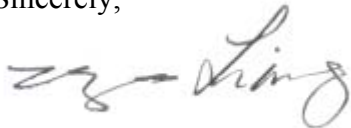
Bill Brattain
CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova, CA 95670-6114

Project Name: Green Waste Composting Sites

Enclosed are the results of analyses for samples received by the laboratory on 05/01/06 14:46. Samples were analyzed pursuant to client request utilizing EPA or other ELAP approved methodologies. I certify that the results are in compliance both technically and for completeness.

Analytical results are attached to this letter. Please call if we can provide additional assistance.

Sincerely,

A handwritten signature in dark ink, appearing to read "James Liang", written in a cursive style.

James Liang, Ph.D.
Laboratory Director

CA DOHS ELAP Accreditation/Registration number 1233

CALIFORNIA LABORATORY SERVICES

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CRWQCB - Sacramento
11020 Sun Center Drive, Ste. 200
Rancho Cordova, CA 95670-6114

Project: Green Waste Composting Sites
Project Number: 05-035-150-0
Project Manager: Bill Brattain

CLS Work Order #: CPE0024
COC #: 70632

CLS - Labs

CHAIN OF CUSTODY

CLS ID No.: CPE 0024

LOG NO. 70632

REPORT TO:		CLIENT JOB NUMBER		ANALYSIS REQUESTED		GEOTRACKER:			
NAME AND ADDRESS		05-035-150-0				EDF REPORT <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO			
11020 Sun Center Dr. #200		DESTINATION LABORATORY				GLOBAL ID: _____			
Rancho Cordova, CA 95670		<input checked="" type="checkbox"/> CLS (916) 638-7301				COMPOSITE: _____			
PROJECT MANAGER		3249 FITZGERALD RD.				FIELD CONDITIONS: _____			
William L Brattain 916-464-4622		RANCHO CORDOVA, CA 95742				TURN AROUND TIME: _____			
PROJECT NAME		<input type="checkbox"/> OTHER				SPECIAL INSTRUCTIONS			
Green Waste Composting Sites						OR			
SAMPLED BY						ALT. ID:			
William L Brattain									
JOB DESCRIPTION									
SITE LOCATION									
DATE	TIME	SAMPLE IDENTIFICATION	MATRIX	CONTAINER NO.	TYPE	1 DAY	2 DAY	5 DAY	10 DAY
5/1/06	10:00	Runoff Basin (Grover)	W	1	None	X	X	X	X
5/1/06	10:00	Runoff Basin (Grover)	W	1	H ₂ O ₂				X
5/1/06	10:55	Runoff Basin (Tracy)	W	1	None	X	X	X	X
5/1/06	10:55	Runoff Basin (Tracy)	W	1	H ₂ O ₂				X
5/1/06	12:55	Ponded Runoff (Scotts)	W	1	None	X	X	X	X
5/1/05	12:55	Ponded Runoff (Scotts)	W	1	H ₂ O ₂				X
INVOICE TO: _____									
P.O. # _____									
QUOTE # _____									
SUSPECTED CONSTITUENTS									
PRESERVATIVES: (1) HCL (2) HNO ₃ (3) COLD (4) NaOH (5) H ₂ SO ₄ (6) Na ₂ S ₂ O ₃ (7) =									
RELINQUISHED BY (SIGN)		PRINT NAME / COMPANY		DATE / TIME		RECEIVED BY (SIGN)		PRINT NAME / COMPANY	
		William Brattain/RWQCB		5/1/06 14:46					
REC'D AT LAB BY:									
DATE / TIME: 5-1-6 1446									
CONDITIONS / COMMENTS:									
SHIPPED BY: <input type="checkbox"/> FED X <input type="checkbox"/> UPS <input type="checkbox"/> OTHER		AIR BILL #							

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Fax: 916-638-4510

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Project: Green Waste Composting Sites
Project Number: 05-035-150-0
Project Manager: Bill Brattain

CLS Work Order #: CPE0024
COC #: 70632

Conventional Chemistry Parameters by APHA/EPA Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Runoff Basin (Grover) (CPE0024-01) Water Sampled: 05/01/06 10:00 Received: 05/01/06 14:46									
Ammonia as N	3.7	2.0	mg/L	20	CP03438	05/05/06	05/05/06	EPA 350.2	
Specific Conductance (EC)	3300	1.0	µmhos/cm	1	CP03306	05/02/06	05/02/06	EPA 120.1	
Nitrate as N	ND	0.50	mg/L	"	CP03289	05/02/06	05/03/06	EPA 300.0	
pH	9.29		pH Units	"	CP03291	05/02/06	05/02/06	EPA 150.1	
Total Kjeldahl Nitrogen	56	10	mg/L	50	CP03392	05/04/06	05/04/06	EPA 351.3	
Total Dissolved Solids	2600	10	"	1	CP03318	05/02/06	05/02/06	EPA 160.1	
Runoff Basin (Tracy) (CPE0024-02) Water Sampled: 05/01/06 10:55 Received: 05/01/06 14:46									
Ammonia as N	130	10	mg/L	100	CP03438	05/05/06	05/05/06	EPA 350.2	
Specific Conductance (EC)	5300	1.0	µmhos/cm	1	CP03306	05/02/06	05/02/06	EPA 120.1	
Nitrate as N	ND	0.50	mg/L	"	CP03289	05/02/06	05/03/06	EPA 300.0	
pH	7.71		pH Units	"	CP03291	05/02/06	05/02/06	EPA 150.1	
Total Kjeldahl Nitrogen	190	50	mg/L	250	CP03392	05/04/06	05/04/06	EPA 351.3	
Total Dissolved Solids	3400	10	"	1	CP03318	05/02/06	05/02/06	EPA 160.1	
Ponded Runoff (Scotts) (CPE0024-03) Water Sampled: 05/01/06 12:55 Received: 05/01/06 14:46									
Ammonia as N	11	5.0	mg/L	50	CP03438	05/05/06	05/05/06	EPA 350.2	
Specific Conductance (EC)	3800	1.0	µmhos/cm	1	CP03306	05/02/06	05/02/06	EPA 120.1	
Nitrate as N	ND	0.50	mg/L	"	CP03289	05/02/06	05/03/06	EPA 300.0	
pH	8.30		pH Units	"	CP03291	05/02/06	05/02/06	EPA 150.1	
Total Kjeldahl Nitrogen	61	20	mg/L	100	CP03392	05/04/06	05/04/06	EPA 351.3	
Total Dissolved Solids	4200	10	"	1	CP03318	05/02/06	05/02/06	EPA 160.1	

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Project: Green Waste Composting Sites
Project Number: 05-035-150-0
Project Manager: Bill Brattain

CLS Work Order #: CPE0024
COC #: 70632

Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CP03289 - General Prep

Blank (CP03289-BLK1)

Prepared & Analyzed: 05/02/06

Nitrate as N ND 0.50 mg/L

LCS (CP03289-BS1)

Prepared & Analyzed: 05/02/06

Nitrate as N 0.493 0.50 mg/L 0.451 109 80-120

LCS Dup (CP03289-BSD1)

Prepared & Analyzed: 05/02/06

Nitrate as N 0.497 0.50 mg/L 0.451 110 80-120 0.808 20

Matrix Spike (CP03289-MS1)

Source: CPE0016-01

Prepared & Analyzed: 05/02/06

Nitrate as N 0.516 0.50 mg/L 0.451 ND 114 75-125

Matrix Spike Dup (CP03289-MSD1)

Source: CPE0016-01

Prepared & Analyzed: 05/02/06

Nitrate as N 0.525 0.50 mg/L 0.451 ND 116 75-125 1.73 25

Batch CP03306 - General Preparation

Blank (CP03306-BLK1)

Prepared & Analyzed: 05/02/06

Specific Conductance (EC) ND 1.0 µmhos/cm

Batch CP03318 - General Preparation

Blank (CP03318-BLK1)

Prepared & Analyzed: 05/02/06

Total Dissolved Solids ND 10 mg/L

Batch CP03392 - General Preparation

Blank (CP03392-BLK1)

Prepared & Analyzed: 05/04/06

Total Kjeldahl Nitrogen ND 0.20 mg/L

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Project Manager: Bill Brattain

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Conventional Chemistry Parameters by APHA/EPA Methods - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch CP03392 - General Preparation

LCS (CP03392-BS1)

Prepared & Analyzed: 05/04/06

Total Kjeldahl Nitrogen	1.05	0.20	mg/L	1.00	105	80-120
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LCS Dup (CP03392-BSD1)

Prepared & Analyzed: 05/04/06

Total Kjeldahl Nitrogen	1.03	0.20	mg/L	1.00	103	80-120	1.92	20
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Matrix Spike (CP03392-MS1)

Source: CPE0050-01

Prepared & Analyzed: 05/04/06

Total Kjeldahl Nitrogen	1.23	0.20	mg/L	1.00	0.37	86.0	75-125
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Matrix Spike Dup (CP03392-MSD1)

Source: CPE0050-01

Prepared & Analyzed: 05/04/06

Total Kjeldahl Nitrogen	1.19	0.20	mg/L	1.00	0.37	82.0	75-125	3.31	25
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Batch CP03438 - General Preparation

Blank (CP03438-BLK1)

Prepared & Analyzed: 05/05/06

Ammonia as N	ND	0.10	mg/L
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LCS (CP03438-BS1)

Prepared & Analyzed: 05/05/06

Ammonia as N	0.464	0.10	mg/L	0.500	92.8	80-120
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LCS Dup (CP03438-BSD1)

Prepared & Analyzed: 05/05/06

Ammonia as N	0.473	0.10	mg/L	0.500	94.6	80-120	1.92	25
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Matrix Spike (CP03438-MS1)

Source: CPE0157-03

Prepared & Analyzed: 05/05/06

Ammonia as N	0.493	0.10	mg/L	0.500	0.11	76.6	75-125
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Matrix Spike Dup (CP03438-MSD1)

Source: CPE0157-03

Prepared & Analyzed: 05/05/06

Ammonia as N	0.527	0.10	mg/L	0.500	0.11	83.4	75-125	6.67	25
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Notes and Definitions

DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference